Joint Requirements Oversight Council Brief

Post-MC02 Capability Recommendations for the Joint Fires Initiative (JFI)

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Why We Are Here

This brief seeks JROC endorsement of USJFCOM recommendations to support the implementation of the Joint Fires Initiative for Combatant Commands.

No additional funding required to implement this recommendation.

The Initiative

1. Utilized by USCENTCOM and supporting combatant commands in Operation Iraqi Freedom.

2. Exploration of a Time-Sensitive Targeting manager at the operational level was undertaken during Millennium Challenge 2002 (MC02).

3. Services, Combatant Commands, and selected DOD Agencies collaboratively identified the operational requirements, Concept of Operation, and Tactics, Techniques, and Procedures for JFI during the

Highlights

1. JFI prototyping has been completed and operationally validated in Operation Iraqi Freedom, building on the Millennium Challenge 2002 experiment.

2. This recommendation:

   a. Requires no additional funding.

   b. Supports immediate implementation by the regional combatant commanders in FY03.

      i. USFK acquired and is currently expanding JFI/ADOCS functionality

      ii. CENTCOM acquired JFI/ADOCS (Joint Time Sensitive Targeting Manager (JTSTM)) as its joint TST manager of record; operationally using the protocol in Operation Iraqi Freedom.

      iii. EUCOM and SOCOM have also acquired JFI/ADOCS to a lesser degree.

      iv. PACOM seeking to acquire JFI/ADOCS

      v. STRATCOM conducting JFI feasibility study for acquisition.

   c. Provides transitional command-and-control capabilities for regional combatant commanders.

Joint Fires Initiative

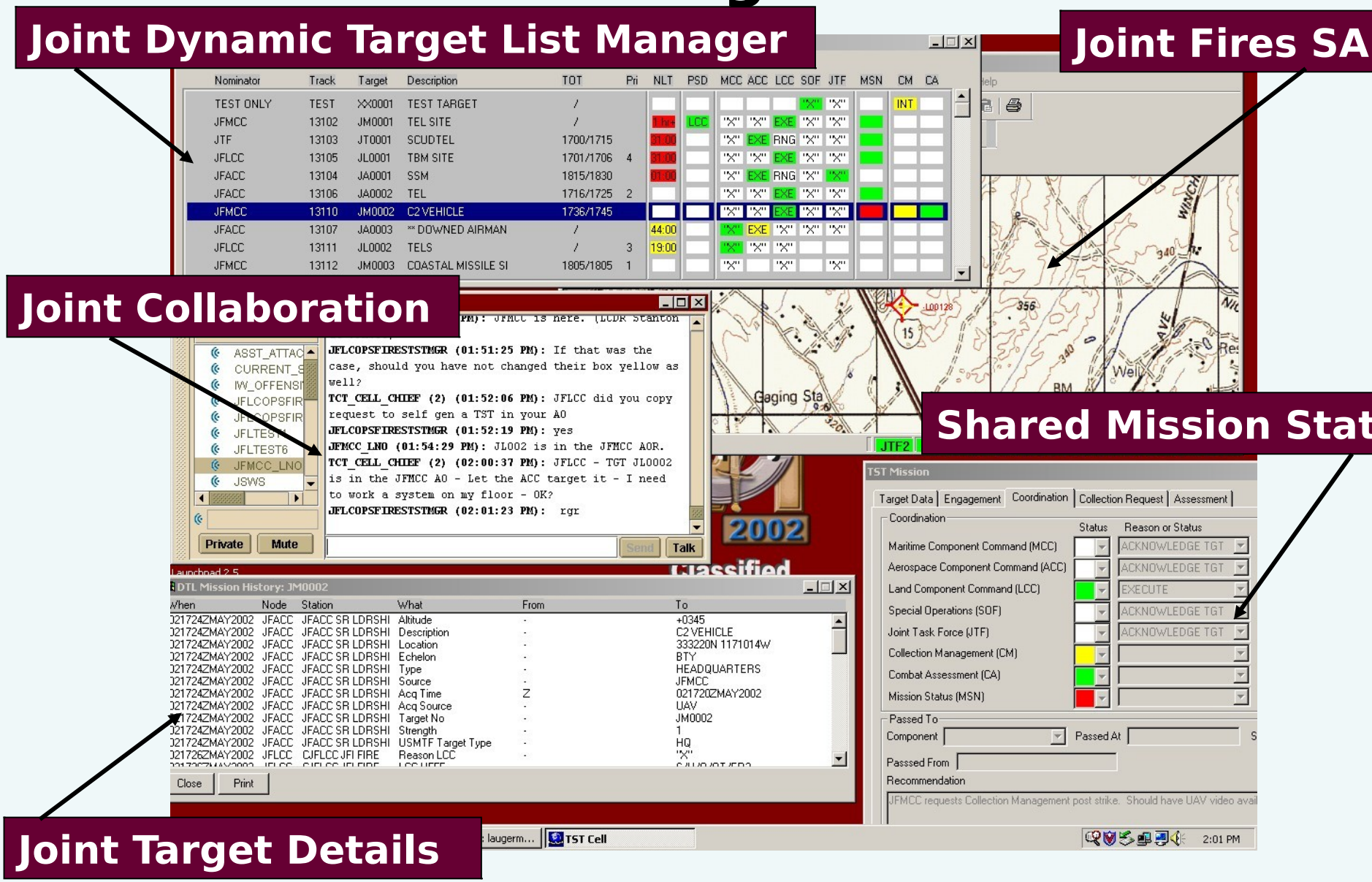
What JFI is:

- Provides a common capability that enables components to manage Time-Sensitive Targets (TST) using a jointly integrated suite of targeting tools that increases fires situational awareness thus enabling more effective fires decision-making and execution.

What JFI provides the joint warfighter:

- Immediate capability to manage time-sensitive targeting.
- Increased joint fires situational awareness.
- Timely targeting information, facilitating horizontal and vertical coordination among components during the prosecution of time-sensitive targets.
- A collaborative environment for joint fires visibility.

Joint Fires Initiative Knowledge Set


Joint Dynamic Target List Manager
Joint Fires SA
Joint Collaboration
Shared Mission Statu
Joint Target Details
Nominator Track Target Description TOT Pri NLT PSD MCC ACC LCC SOF JTF MSN CM CA
TEST ONLY TEST XX0001 TEST TARGET /
JFMCC 13102 JM0001 TEL SITE /
JTF 13103 JT0001 SCUDTEL 1700/1715
JFLCC 13105 JL0001 TBM SITE 1701/1706 4
JFACC 13104 JA0001 SSM 1815/1830
JFACC 13106 JA0002 TEL 1716/1725 2
JFMCC 13110 JM0002 C2 VEHICLE 1736/1745
JFACC 13107 JA0003 ** DOWNED AIRMAN /
JFLCC 13111 JL0002 TELS / 3
JFMCC 13112 JM0003 COASTAL MISSILE SI 1805/1805 1
JFLCOPSFIRESTSTMGR (01:51:25 PM): If that was the case, should you have not changed their box yellow as well?
TCT_CELL_CHIEF (2) (01:52:06 PM): JFLCC did you copy request to self gen a TST in your AO
JFLCOPSFIRESTSTMGR (01:52:19 PM): yes
JFMCC_LNO (01:54:29 PM): JL002 is in the JFMCC AOR.
TCT_CELL_CHIEF (2) (02:00:37 PM): JFLCC - TGT JL0002 is in the JFMCC AO - Let the ACC target it - I need to work a system on my floor - OK?
JFLCOPSFIRESTSTMGR (02:01:23 PM): rgr
Private
Mute
Send
Talk
DTL Mission History: JM0002
When Node Station What From To
Close
Print
TST Mission
Target Data
Engagement
Coordination
Collection Request
Assessment
Maritime Component Command (MCC)
Aerospace Component Command (ACC)
Land Component Command (LCC)
Special Operations (SOF)
Joint Task Force (JTF)
Collection Management (CM)
Combat Assessment (CA)
Mission Status (MSN)
Passed To
Component
Passed At
Passed From
Recommendation
JFMCC requests Collection Management post strike. Should have UAV video avail
TST Cell
2:01 PM

JCPAT Staffing Summary

1. **Change Recommendation posted to JCPAT 6 Nov 02; roll-up received for adjudication on 12 January**
   - 206 total comments received/69 critical comments; 88 substantive comments identified.

2. **Package reposted to JCPAT on 7 April 03; roll-up received for adjudication on 13 May 03.**
   - 92 total comments received/4 critical comments; 45 substantive comments identified.

3. **All critical comments addressed.**
   - One critical comment unresolved (submitted by USFK)
     - **Migration of ADOCS functionality to service systems of record does not meet the operational requirement to satisfy USFK. This comment stated the desire to not transition ADOCS capabilities into service programs of record (PORs), but rather remain a separate joint application.**
       - Rejected. The JROC has directed (JROCM 085-02), and USJFCOM supports, the migration of ADOCS-like capabilities into service PORs and that funding for ADOCS eventually be discontinued.

Transitional Implementation Changes

Recommended changes enhance the capability of the Regional Combatant Commands to manage joint time-sensitive targeting.

These recommendations comprise part of an iterative process. Capabilities will continue to be refined as Combatant Commands, and Services identify requirements for incorporation into the Family of Interoperable Operational Pictures project.

Joint Fires Initiative Change Recommendation - Doctrine

1. Assign Joint Forces Command, with support from the services and the Force Application, Joint Warfighting Capability Assessment, Precision Engagement Division, the responsibility to:
   a. Determine the doctrinal impacts of Operation Iraqi Freedom and Millennium Challenge 2002 Joint Fires Initiative/time-sensitive target findings.
   b. Develop a plan to incorporate the doctrinal implications of the findings in applicable joint publications.
   c. Develop a joint fires enabling concept that provides an experimentation and exercise venue to bridge joint fires capabilities in support of the Joint Operations concept and Joint Vision 2020.

OPR: **USJFCOM lead, with support from J7, Joint Staff, and Joint Staff J8.**

Suspense: **Plan: September 2003; Initial and final revisions per joint publication revision schedule.**

Joint Fires Initiative Change Recommendation - Doctrine

2. Assign Air Land Sea Application Center, Joint Action Steering Committee, and United States Joint Forces Command the responsibility to determine the necessity of developing multi-service tactics, techniques, and procedures for the Automated Deep Operations Coordination System functionality associated with time-sensitive/time-critical targeting. This effort should consider decisions on the purpose, scope, and content of the Joint Pub 3-09, Joint Pub 3-60, and Joint Pub 2-01.1 consolidation initiative; and it can use the Millennium Challenge 2002, and Operation Iraqi Freedom, time-sensitive target concept of operations as a source document for potential time-sensitive targeting tactics, techniques, and procedures.

OPR: **Air Land Sea Application Center lead, with support from J3/J7, Joint Staff, and J7, United States Joint Forces Command.**

Suspense: **September 2003**

Joint Fires Initiative Change Recommendation - Training

1. Assign the Joint Precision Strike Demonstration Office the responsibility to continue to provide initial software functionality training during fielding of the Automated Deep Operations Coordination System Joint Fires Initiative application. Regional combatant and component commanders, supported by the Joint Precision Strike Demonstration Office, will conduct sustainment training of commanders and staffs in the techniques and procedures for coordinating time-sensitive target operations as required.

OPR: **Joint Precision Strike Demonstration Office, Combatant /Component Commanders.**

Suspense: **September 2003**

2. Assign United States Joint Forces Command J7 the responsibility, with support from the Joint Precision Strike Demonstration Office, to conduct collective training in conjunction with category 2-6 joint exercises and contingencies as requested by regional combatant commanders in fiscal years 2003-2004.

OPR: **United States Joint Forces Command lead, with support from the Joint Precision Strike Demonstration Office.**

Suspense: **September 2003**

Joint Fires Initiative Change Recommendation - Training

3. Assign United States Joint Forces Command J7 the responsibility, with support by the Joint Staff J7, and the Joint Precision Strike Demonstration Office, to prepare institutional instruction, and develop, maintain, and integrate training support products (e.g., tactics, techniques and procedures lessons learned and professional military education) to the operational force for time-sensitive targeting concepts and capabilities.

OPR: **J7, United States Joint Forces Command lead, with support from the Joint**

Staff J7 and the Precision Strike Demonstration Office.

Suspense: **Submit recommendations to Joint Requirements Oversight Council**

4. Assign United States Joint Forces Command the responsibility with support from the Joint Precision Strike Demonstration Office and other appropriate agencies to provide access to web-based instructional materials. Training material should be delivered in a standard joint technical architecture electronic format.

by September 2003.

OPR: **J7, United States Joint Forces Command**

Suspense: **Submit initial training materials by September 2003**

Joint Fires Initiative Change Recommendation - Materiel

1. Assign Joint Precision Strike Demonstration Office the continuing responsibility to evaluate Automated Deep Operations Coordination System Joint Fires Initiative delivery strategies to augment regional combatant commanders in areas that support and are consistent with communications architectures and networks. This delivery strategy should include regional component commanders' requirements and consider installation and configuration of Joint Fires Initiative functionality to fit the theater's command-and-control system, and training for operators, leaders, and system administrators. The final delivery schedule must be coordinated with regional combatant commanders.

OPR: **Joint Precision Strike Demonstration Office, with support from**

regional combatant commanders.

Suspense: **September 2003 and September 2004.**

Joint Fires Initiative Change Recommendation - Materiel

2. Continue support to Joint Precision Strike Demonstration Office for sustainment and delivery of Automated Deep Operations Coordination System capabilities. Joint Precision Strike Demonstration Office shall develop a transition plan in conjunction with the services and the Family of Interoperable Operational Pictures project that details the sustainment and transition responsibilities of Automated Deep Operations Coordination System Joint Fires Initiative functionality. The Joint Precision Strike Demonstration Office shall also keep requisite Automated Deep Operations Coordination System-based Joint Fires Initiative capabilities modern and useful while planning to transition the System Joint Fires Initiative functionality towards the Family of Interoperable Operational Pictures project within the next year for final incorporation into designated service and agency programs of record in fiscal year 2004.

OPR: **Joint Precision Strike Demonstration Office/Family of Interoperable Operational Pictures project with support from Joint Staff J8.**

Joint Fires Initiative Change Recommendation - Materiel

3. Request Deputy Undersecretary of Defense (Advanced Systems and Concepts)/Joint Precision Strike Demonstration Office provide an update on management controls to ensure that Automated Deep Operations Coordination System Joint Fires Initiative capabilities transition properly.

OPR: **Deputy Undersecretary of Defense (Advanced Systems and Concepts), and Joint Precision Strike Demonstration Office**

Suspense: **September 2003**

Joint Fires Initiative Change Recommendation – Leadership

1. The Military Education Coordination Council emphasize the joint doctrine of supported and supporting commanders as it relates to time-sensitive target management in professional military education curricula without delay.

OPR: **J7, Joint Staff, supported by Military Education Coordination Council.**

Suspense: **September 2003**

2. United States Joint Forces Command emphasize training on the supported and supporting command relationships for time-sensitive targets and the Joint Fires Initiative.

OPR: **J7, United States Joint Forces Command**

Suspense: **September 2003**

Joint Fires Initiative Change Recommendation – Organization, Personnel, and Facilities

The Joint Fires Initiative requires no change to military organizations, personnel, or facilities.

Transition to the Family of Interoperable Operational Pictures (FIOP)

- **Intent of FIOP is to migrate all ADOCS functionalities into service programs of record; The Joint Fires Initiative only addresses the migration of those functionalities linked to time sensitive targeting management.**
- **All JFI functionalities resident in ADOCS will bridge into FIOP via the FIOP Web-Enabled Execution Manager Capability (WEEMC) Task 1.1.**
- **Transition date for JFI functionalities (time sensitive targeting management) is the end of FY04. Remainder of ADOCS functionalities are targeted for migration in FY06.**
- **First $15M/year dollars were directed by JROC from FY02-07. In December of 2002, OSD directed an additional $166M for FY04 through FY09.**
- **The Joint Precision Strike Demonstration Office (JPSDO) is currently working with the FIOP WEEMC execution team to develop and execute the JFI functionality transition.**
- **The Multi-Service Management Team (MSMT) governs the FIOP task IPTs and the SEWG. The MSMT will report their recommendations to a Flag Oversight Council for final approval.**

Recommended
nt Requirements Oversight Council Acti

- Endorse USJFCOM Joint Fires Initiative transformational change package recommendations.
- Appoint USJFCOM lead agency to ensure change recommendations occur.

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Post-MC02 Capability Recommendations for the Joint Fires Initiative (JFI)

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Joint Fires Initiative
16 June 2003

BACKUPs

DOTMLPF Recommendation Summary

- **D1:** USJFCOM determine doctrinal impacts of JFI findings; develop a doctrinal plan to address impacts; develop a Joint Fires enabling concept.
- **D2:** ALSA develop pre-doctrinal documents (MTTPs) to govern interim capability.
- **T1:** JPSDO provide application and function training during delivery phase JFI/ADOCS.
- **T2:** J7, USJFCOM conducts JFI/ADOCS collective training in conjunction with category 2-6 joint exercises.
- **T3:** JFCOM develop formal JFI/ADOCS (JTSTM) training and training support products.
- **T4:** USJFCOM develop and provide web-based products in instructional materials.
- **M1:** JPSDO continue delivery of revelant joint time sensitive targeting capabilities to COCOMS.
- **M2:** JPSDO, collaboratively w/service and FIOP program, development a transition plan to migrate JFI capabilities to the Family of Interoperable Operational Pictures (FIOP) and will will keep JFI/ADOCS capabilities current and relevant during interim period until migration to FIOP.
- **M3:** JPSDO develop and provide management controls to ensure JFI/ADOCS capabilities transition properly into FIOP, and that requisite migration maintenance, substainment, and funding requirements are addressed.

JFI Transformational Change Package Comment Resolution - 1st Posting

Organization	Critical		Substantive	Administrative	Other
US Army	7	12	1	0	
US Marine Corps		12	11	0	0
US Air Force	34	34	1	9	
US Navy	0	1	0	0	
JS J7 6 0	0	0			
JS J8 4 3	5	0			
USEUCOM	0	3	5	1	
USPACOM	1	8	4	0	
USSOCOM	1	0	0	0	
USSTRATCOM	0	2	0	0	
NORAD 2	0	0	0		
DISA/JITC	2	4	6	0	
OASD (C3I)	0	6	14	0	
NIMA 0 2	0	0			
JTAMDO 0	2	3	0		

JFI Transformational Change Package Critical Comment Resolution – 1st Posting

Organization	Criticals	Unresolved
US Army	7	0
US Marine Corps	12	0
US Air Force	34	0
JS J7	6	0
JS J8	4	0
USPACOM	1	0
USSOCOM	1	0
NORAD	2	0
DISA/JITC	2	0

JFI Transformational Change Package Comment Resolution – 2nd Posting

Organization	Critical	Substantive	Administrative	Other
US Air Force	0	3	22	9
US Navy	2	16	10	0
JS J7	1	0	0	0
JS J8	0	6	0	0
USCENTCOM	0	3	2	0
USPACOM	0	0	2	0
USNORTHCOM	0	1	0	0
USFK	1	5	3	1
NORAD	0	1	1	0
DISA/JITC	0	3	0	0
DIA	0	5	2	0
NIMA	0	2	0	0

JFI Transformational Change Package Critical Comment Resolution – 2nd Posting

Organization	Criticals	Unresolved
US Navy	2	0
JS J7	1	0
USFK	1	1

USFK Critical Comment

1. USFK Critical Comment— unresolved; currently working with POC toward the resolution of this comment. USFK initially submitted this concern as a “General” comment; upgraded to “Critical” by the Joint Staff J8.

2. USFK POC: LTC Kearney, **“john .kearney@usfk.army.mil”**

USFK Unresolved Critical Comment

1. **Critical:** Migration of ADOCS functionality to service systems of record does not meet the operational requirement to satisfy USFK. This comment stated the desire to not transition ADOCS capabilities into service programs of record (PORs), but rather remain a separate joint application. USFK expressed a strong opinion that ADOCS should remain a joint application as opposed to being incorporated into service.

   a. **Recommendation: :** "Clear-cut" funding lines are identified, now, so that combatant commands do not have fund out of un-programmed dollars.

   b. **Rationale:** Migration of functionality would create funding and capability voids.

   c. **Sponsor Comments:** Reject. The JROC has directed (JROCM 085-02), and USJFCOM supports, the migration of ADOCS-like capabilities into service PORs and that funding for ADOCS eventually be discontinued. Combatant commands will have to request sustainment funding for any continued ADOCS support beyond current programmed efforts of $8M for FY04.